

Center for Developmental and Molecular Biology

Director, Kenneth White, Utah State University, Logan, Utah

(Phone 797-2149, Fax 797-2118, e-mail: kwhite@cc.usu.edu)

Background

Established in 1993 to facilitate product development, increase the commercialization process of current near-term products, supplement near-term research, and stimulate additional patent development.

FY94-95 Overview

Current

1994-95 Award	\$107,480
Matching Funds	\$244,162
Patents Pending	1
Patents Issued	0
License Agreements	0
Spin-off Companies	0
Companies Assisted	1
Industry Jobs Created	0
Center Jobs Created	13

Cumulative Overview

Cumulative

Awards	\$210,880
Matching Funds	\$488,321
Patents Issued	0
License Agreements	0
Spin-off Companies	0

Technologies

- **Primary cell culture medium development.** Researchers at Hyclone Laboratories, Inc., working with scientists at USU have developed a Lymphocyte culture fluid that outperforms all other culture media in the culture of lymphocytes and embryos.
- **Lytic peptide expression and expression of vector design.** Researchers have evaluated developed, synthesized, and characterized several synthetic chemotherapeutic peptides referred to as lytic peptides. These peptides have been shown to be effective against a number of disease states that currently are either very difficult or impossible to treat with conventional therapy.

Center Highlights

- Hyclone Laboratories has licensed lymphocyte culture fluid and embryos to a **new Utah entity**.
- A **new commercial opportunity** has been identified for lytic peptide application which can be rapidly brought to market. Discussions are continuing with an **established company for commercialization**.
- The Center is negotiating **research agreements** with one company to use one component of its lytic peptide technology.